HOKKAIDO UNIVERSITY

AMBITIOUS LEADER'S PROGRAM

Fostering Future Leaders to Open New Frontiers in Materials Science

Ambitious 物質科学セミナー

Dissecting the functional drivers of complex phenotypes using protein-interaction quantitative trait loci mapping (piQTL)

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Université de Montréal, Canada

2022 年 10 月 14 日（金）14：00～

北海道大学理学部 6 号館 6-204-02 室

＜多目的演習室＞

The Central Dogma in Biology dictates that information flows from DNA to RNA, to proteins, and to complex phenotypes, which are governed by several hundred to thousands of genes. Complex traits in humans include height, intelligence, psychological state, and various diseases. I will describe the development of an approach, piQTL (Protein-Interaction Quantitative Trait Loci) mapping, to trace the flow of biological information by correlating genome-wide polymorphisms to how perturbations in protein-protein interactions.

SMatS

北海道大学 スマート物質科学を拓く
アンビシャスプログラム

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